UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Reinhold Roy
Application Number:	Unassigned
Filing Date:	Concurrently Herewith
Group Art Unit:	
Examiner:	
Title:	CONTROL DEVICE FOR A FUME EXTRACTION DEVICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. 1.98, I am submitting a completed "INFORMATION DISCLOSURE STATEMENT BY APPLICANT" *(Form PTO/SB/08A)* with patents and/or publications as delineated therein attached.

DE 91 01 095 -- No English abstract available.

DE 100 28 333 discloses a control element on a window, door, or air inlet flap that connects electrically to a single- or multi-channel transmitter (S) to send a first signal (0) as control element shuts. If battery power is low, the first signal still transmits but is suppressed as second signal (1). Receiver (E) fitted elsewhere assesses the first or second signal and uses a relay or triac (K) to disconnect current path to power outlet (D) supplying ventilating system.

EP 0 411 599 discloses an apparatus for rinsing articles treated in an electroplating system, in particular plates (2) having drilled holes. On either side of the article, at least one spraying device is provided which is passed along the article from top to bottom and at a distance from it so that both sides of the article are sprayed with a jet of cleaning liquid. In order to be able to spray all the regions, in particular drilled holes, of a treated article with a

vertically or almost vertically incident spray jet, the spraying devices (4,5) can furthermore be moved on the apparatus in the horizontal direction (10,12) and that a conveyor device (9) is furthermore provided for this horizontal movement of the spraying devices.

DE 197 48 922 discloses an invention that relates to a ceiling system for cleanrooms (15) constructed of a plurality of joined grid-like profile bars (1) and module systems containing joint pieces (2), whereby the profile bars (1) and the joint pieces (2) each have two interspaced, stacked impermeable plane surfaces (18,19). A connected cavity (23) is located between said plane surfaces. The cavity (23) is provided with at least one supply opening (3) for supplying particle-free intake air and is provided with at least one discharge opening (4) for the supplied intake air. The discharge opening (4) is connected to a suction blower (5) and the suction blower (5) is designed and operable in such a way that a low pressure can be constantly maintained in the cavity opposite the cleanroom.

DE 197 26 864 discloses a system that includes at least two pressure measuring points arranged in the exhaust air collection duct. One of the measuring points lies near openings to the inner chamber of the flue. The other point lies near the connection (9) of the exhaust air collection duct (8) at an external construction side exhaust system. A pressure sensor is provided, which measures the differential pressure between the two measuring points. The measuring signal of the pressure sensor is delivered to a unit, which uses the signal to form the exhaust air volume flow.

DE 102 04 264 discloses a method for safety monitoring of a fire hearth (11) in which the air pressure (PF) within the hearth and the air pressure (PA) in the surroundings of the hearth are measured. The difference (dP) between the two is determined and, if a threshold is exceeded, a hearth control device, a safety device (38) and or an alarm is activated. The invention also relates to a corresponding device.

DE 30 40 051 -- No English abstract available.

DE 92 08 718.3 -- No English abstract available.

DE 17 87 986 -- No English abstract available.

DE 691 27 368 -- No English abstract available.

JP 8-17086 discloses a method to conserve the consumption of power eliminating useless operation by a method wherein an air fan is driven to supply air when the pressure of exhaust air is below a set value and the operation of the air fan is stopped when it is above the set value. CONSTITUTION: When an operation switch of a range hood 1 is turned ON, an

exhaust fan 3 is driven to generate a flow of an exhaust in an exhaust path 2. The pressure of the exhaust flow is detected by an exhaust air pressure sensor 10 in the exhaust path 2. When the pressure of the exhaust air is below a set value, a controller 11 judges that a window and a door of a kitchen are not opened and the air fan 5 is driven to supply air thereby preventing evacuation. When the exhaust air pressure detection sensor 10 detects an air pressure above the set value, the supply of air to the kitchen is judged to be sufficient to stop the air fan 5. Thus, the driving of the air fan 5 can be confined to the need to eliminate useless operation thereby enabling conserving of the consumption of power.

JP 6-347081 discloses a method to provide the title control method wherein without providing an exclusive air inlet or a simultaneous supply-and-exhaust type range hood, the inside of a kitchen is prevented from being in a negative pressure and thermal surroundings in other rooms are not allowed to deteriorate, by opening a kitchen-line damper in a branching chamber for duct type air-conditioning, which damper is operated together with the operation of a range hood. CONSTITUTION: When indoor air is not conditioned, a damper 6 in a branching chamber 4, which damper is provided for a branch duct 9a for kitchen use, is opened by a control circuit 12. In this way, fresh air led through a ventilating duct 10a and a ventilating unit 10 is supplied into a kitchen 1 through an indoor unit, the branching chamber 4, a branch opening 5, the branch duct 9a and an outlet 8a for the kitchen use, in that order. As the result of it, even if a large amount of exhaust air is discharged outdoors from a range hood 2, a negative pressure is not produced in the kitchen 1. On the other hand, when the indoor air is conditioned, the deterioration of thermal surroundings in the kitchen 1 is not produced since cold or warm air conditioned by the indoor unit is supplied thereinto.

If no translation of pertinent portions of any foreign language patents or publications mentioned within the "INFORMATION DISCLOSURE STATEMENT BY APPLICANT" is included with the aforementioned copies of those applications, patents and/or publications, it is because no existing translation is readily available to the Applicant. As per the Notice in 1273 OG 55 (August 5, 2003) no copies of any above-mentioned US patents and US patent application publications are submitted for this application which was filed after June 30, 2003.

Respectfully submitted

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October 11, 2005

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known	
Application Number	Unknown
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First Named Inventor	Reinhold Roy
Art Unit	
Examiner Name	
Attorney Docket Number	2003P00559WOUS

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,552,059	11-12-1985	Gary J. Potter	
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FOREIGN PATENT DOCUMENTS

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		DE 91 01 095	04-18-1991	Invent GmbH		
		WO 93/13881	07-22-1993	Per-Martin Hedman, et		✔
		DE 100 28 333	12-06-2001	Armin Bauer, et al.		
		EP 0 411 599	08-01-1990	Peter Haase		
		DE 197 48 922	05-06-1999	Dietmar Krieg		
		DE 197 26 864	02-04-1999	Waldner		

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. [1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

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		DE 102 04 264	07-10-2003	Dierk Astfalk, et al.		
		DE 30 40 051	06-03-1982	Georg Röhl		
		DE 92 08 718	09-17-1992	Friedrich Bürcher		
		DE 1 781 986	01-29-1959	Ernst Göllner		
		DE 691 27 368	05-19-1993	Osman Ahmed, et al.		
		JP 8-170846	07-02-1996	Ohira Noboru		

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		JP 6-347081	12-20-1994	Tanaka Shigeo, et al.		
		DIN 1946-6:1998-10	10-01-1998			
		International Search Report based on PCT/EP2004/003885				✔

Examiner Signature		Date Considered	

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